

Recovery Plan Action Status

Plan Name: Point Arena Mountain Beaver *Aplodontia rufa nigra* (Rafinesque) Recovery Plan

Plan Status: Final

Plan Date: 02-Jun-98

Lead Agency: USFWS

Lead Office: Arcata Fish And Wildlife Office

(507)

822-7201)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Point Arena mountain beaver (<i>Aplodontia rufa nigra</i>)	1	1.1	Protect existing populations	Ongoing Current	FY 1995 - FY 1999		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, California Department of Fish and Game, Bureau Land Management	Management: Land Use	Internal Technical Assistance	
Point Arena mountain beaver (<i>Aplodontia rufa nigra</i>)	1	1.2	Develop and implement management plans	Ongoing Current	FY 2000 - FY 2004		California Department of Parks and Recreation, California Department of Fish and Game, Bureau Land Management , Others	Management: Land Use	Internal Field Assistance, Species Expert	
Point Arena mountain beaver (<i>Aplodontia rufa nigra</i>)	2	1.3	Develop and implement management guidelines	Ongoing Current	FY 2000 - FY 2004		California Department of Parks and Recreation, Unknown, Mendocino County, California, U.S. Fish and Wildlife Service, California Department of Fish and Game, California Department of Forestry and Fire Protection	Management: Land Use	Internal Technical Assistance	
Point Arena mountain beaver (<i>Aplodontia rufa nigra</i>)	2	1.4.1	Identify habitat for restoration	Ongoing Current	FY 2000 - FY 2004		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, California Department of Fish and Game, Bureau Land Management , Others	Management: Land Use	Internal Field Assistance	To date, implementation limited to Manchester State Park and BLM's Stornetta Public Lands.

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Point Arena mountain beaver (Aplodontia rufa nigra)	2	1.4.2	Develop and implement site-specific restoration strategies	Ongoing Current	FY 2000 - FY 2004		California Department of Parks and Recreation, U.S. Fish and Wildlife Service, California Department of Fish and Game, Bureau Land Management , Others	Management: Land Use	Internal Field Assistance	To date, implementation limited to Manchester State Park and BLM's Stornetta Public Lands.
Point Arena mountain beaver (Aplodontia rufa nigra)	2	1.4.3	Monitor restoration	Not Started			U.S. Fish and Wildlife Service	Research: Habitat Status	Internal Field Assistance	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	1.5.1	Develop monitoring protocol	Complete	FY 2007	FY 2008	U.S. Fish and Wildlife Service	Research: Population Surveys	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	1.5.2	Conduct qualitative monitoring of populations	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Population Surveys	Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	1.5.3	Conduct quantitative monitoring of populations	Ongoing Current	FY 2006		California Department of Parks and Recreation, U.S. Fish and Wildlife Service	Research: Population Surveys	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	2.1	Develop a survey protocol	Complete	FY 2000 - FY 2004	FY 2008	U.S. Fish and Wildlife Service	Research: Population Surveys	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	2.2	Identify suitable habitat for surveying	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service	Research: Habitat Status	Contract	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	2.3	Obtain landowner's permission to survey	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game	Other	Internal Field Assistance	A limited number of landowners have granted permission to have surveys conducted on their land.
Point Arena mountain beaver (Aplodontia rufa nigra)	2	2.4	Survey for additional populations	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, California Department of Fish and Game, California Department of Forestry and Fire Protection, Bureau Land Management	Research: Population Surveys	Contract, Internal Field Assistance, Species Expert	

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Point Arena mountain beaver (Aplodontia rufa nigra)	3	2.5	Update CNDDDB	Ongoing Current	FY 1995 - FY 1999		California Department of Fish and Game	Other	Internal Field Assistance	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	2.6	Develop GIS map	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other	Contract, Internal Field Assistance, Species Expert	GIS map of known sites is complete; but needs attributing and updating.
Point Arena mountain beaver (Aplodontia rufa nigra)	2	3.1	Identify corridors to protect	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Habitat Status	Graduate Student, Internal Field Assistance	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	3.2	Protect identified corridors	Not Started			U.S. Fish and Wildlife Service	Acquisition	Internal Field Assistance	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	4.1	Establish library	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Other	Internal Field Assistance	Annual literature searches to keep library current.
Point Arena mountain beaver (Aplodontia rufa nigra)	3	4.10	Develop protocol for necropsies	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	4.11	Conduct population viability analyses	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Demographic Studies	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.2	Design Studies to gather biological/ ecological data	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.3.1	Develop indirect monitoring techniques	Complete	FY 2005	FY 2008	U.S. Fish and Wildlife Service	Research: Population Surveys	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.3.2	Develop safe live-trapping / handling techniques	Complete	FY 2000 - FY 2004	FY 2006	U.S. Fish and Wildlife Service	Research: Other Information	Contract, Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.3.3	Develop radiotelemetry studies	Complete	FY 2000 - FY 2004	FY 2006	California Department of Parks and Recreation, Unknown	Research: Other Information, Research: Population Surveys	Contract, Internal Field Assistance, Species Expert	

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Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.4	Study effects of scent	Not Started			U.S. Fish and Wildlife Service	Research: Other Information	Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.5	Study effects of disturbance	Not Started			U.S. Fish and Wildlife Service	Acquisition: General	Graduate Student, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	4.6	Conduct genetic analyses	Complete	FY 2006		U.S. Fish and Wildlife Service	Research: Genetics	Contract, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.7	Determine habitat requirements	Ongoing Current	FY 2005		U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Habitat Requirements	Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	4.8	Study relationship of successional habitat	Not Started			U.S. Fish and Wildlife Service, California Department of Fish and Game	Research: Habitat Status	Graduate Student, Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	2	4.9	Study food habits	Not Started			U.S. Fish and Wildlife Service	Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	5.1	Determine feasibility of relocation	Not Started			U.S. Fish and Wildlife Service	Research: Reintroduction	Internal Field Assistance, Species Expert	
Point Arena mountain beaver (Aplodontia rufa nigra)	3	5.2	Plan and conduct relocations	Not Started			U.S. Fish and Wildlife Service	Research: Reintroduction	Internal Field Assistance, Species Expert	**if feasible and needed
Point Arena mountain beaver (Aplodontia rufa nigra)	3	6.1.1	Develop an implement incentives for recovery	Ongoing Not Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service, California Department of Fish and Game	Management: Habitat Maintenance and Manipulation	Internal Field Assistance	Contacted landowners about possible Partners for Wildlife Projects.
Point Arena mountain beaver (Aplodontia rufa nigra)	3	6.1.2	Produce outreach materials	Ongoing Current	FY 2009		California Department of Parks and Recreation, U.S. Fish and Wildlife Service	Other: Information and Education	Volunteer	